



Laboratory Services, Inc.

1331 Tasker Drive
Hobbs, New Mexico 88240
Telephone: (505) 397-3713

FOR: Pro Well Testing & Wireline
Attention: Mr. Merv Buecker
P. O. Box 791
Hobbs, New Mexico 88241

SAMPLE
IDENTIFICATION: Shugart 22 Fed. #1
COMPANY: UMC
LEASE:
PLANT:

SAMPLE DATA: DATE SAMPLED: 7/28/97 2:00 PM
ANALYSIS DATE: 7/29/97
PRESSURE - PSIG
SAMPLE TEMP. °F
ATMOS. TEMP. °F 90

GAS (XX) LIQUID ()
SAMPLED BY: Rice, Biswell
ANALYSIS BY: Vickie Walker

REMARKS:

COMPONENT ANALYSIS

COMPONENT	MOL PERCENT	GPM
Hydrogen Sulfide (H2S)		
Nitrogen (N2)	0.47	
Carbon Dioxide (CO2)	0.60	
Methane (C1)	86.66	
Ethane (C2)	7.14	1.905
Propane (C3)	2.96	0.814
I-Butane (IC4)	0.41	0.133
N-Butane (NC4)	0.83	0.261
I-Pentane (IC5)	0.24	0.089
N-Pentane (NC5)	0.28	0.099
Hexane Plus (C6+)	0.41	0.168
	100.00	3.469

BTUCU.FT. - DRY 1157
AT 14.650 DRY 1153
AT 14.650 WET 1133
AT 14.73 DRY 1159
AT 14.73 WET 1139

MOLECULAR WT. 19.1969

SPECIFIC GRAVITY -
CALCULATED 0.663
MEASURED